

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An air-conditioning system for a room, the air-conditioning system comprising a flat cooling element arranged within a plaster layer of a wall of the room, the cooling element including at least one pre-manufactured web comprised of a carrier mat and a plurality of meandering, parallel, counter-flow cooling pipes fastened to the carrier mat, the cooling pipes being spaced from one another so as to enable at locations between the pipes a bonding of the plaster to a base to which it is applied.

2. (Original) The air-conditioning system according to claim 1, wherein the wall of the room is a ceiling of the room.

3-5. (Canceled)

6. (Currently amended) The air-conditioning system

according to claim 1 [[5]], wherein the carrier mat is a screen material having penetrations.

7. (Original) The air-conditioning system according to claim 6, wherein the carrier mat has a net structure.

8. (Currently amended) The air-conditioning system according to claim 1 [[5]], wherein the carrier mat has connecting elements for connecting the plaster layer to the carrier mat.

9. (Canceled)

10. (Original) The air-conditioning system according to claim 1, wherein the cooling element is configured to be adhesively connected to or tacked to at least one of the base to which the plaster is to be applied and a precoat of the plaster.

11. (Original) The air-conditioning system according to claim 10, wherein the cooling element is pre-manufactured as a self-adhesive element comprising an adhesive layer.

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12. (Original) The air-conditioning system according to claim 11, wherein the cooling element further comprises a removable protective film, wherein the adhesive layer is covered with the removable protective film, wherein the protective film is removed before applying the cooling element to the wall.